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Group Art Unit: 1646

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-7. (Canceled)

8. (Currently Amended) An isolated polypeptide comprising at least 15 contiguous amino acids of the amino acid sequence of SEQ ID NO:20, wherein said polypeptide binds to and/or modulates a potassium channel activity.

9. (Canceled)

10. (Previously Presented) The polypeptide of any one of claims 8, 57-58, or 61-67 further comprising heterologous amino acid sequences.

11-56. (Canceled)

57. (Currently Amended) An isolated polypeptide which is encoded by a nucleic acid molecule comprising a nucleotide sequence which is at least 90% identical to a nucleic acid comprising the nucleotide sequence of SEQ ID NO:19, wherein said polypeptide binds to and/or modulates is capable of interacting with a potassium channel activity.

58. (Currently Amended) An isolated polypeptide which is encoded by a nucleic acid molecule comprising a nucleotide sequence which is at least 95% identical to a nucleic acid comprising the nucleotide sequence of SEQ ID NO:19, wherein said polypeptide binds to and/or modulates is capable of interacting with a potassium channel activity.

59-60. (Canceled)

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61. **(Currently Amended)** An isolated polypeptide comprising an amino acid sequence which is at least 90% identical to the amino acid sequence of SEQ ID NO:20, wherein said polypeptide binds to and/or modulates ~~is capable of interacting with~~ a potassium channel activity.

62. **(Currently Amended)** An isolated polypeptide comprising an amino acid sequence which is at least 95% identical to the amino acid sequence of SEQ ID NO:20, wherein said polypeptide binds to and/or modulates ~~is capable of interacting with~~ a potassium channel activity.

63. **(Previously Presented)** An isolated polypeptide comprising the amino acid sequence of SEQ ID NO:20.

64. **(Previously Presented)** An isolated polypeptide consisting of the amino acid sequence of SEQ ID NO:20.

65. **(Previously Presented)** An isolated polypeptide encoded by the DNA insert of the plasmid deposited with ATCC as Accession Number 98991, or 98993.

66. **(Previously Presented)** The isolated polypeptide of claim 8, wherein said polypeptide comprises a calcium binding domain.

67. **(Previously Presented)** The isolated polypeptide of claim 66, wherein said calcium binding domain is selected from the group of amino acid residues consisting of

- a) amino acid residues 126-154 of SEQ ID NO:20;
- b) amino acid residues 162-190 of SEQ ID NO:20; and
- c) amino acid residues 210-238 of SEQ ID NO:20.